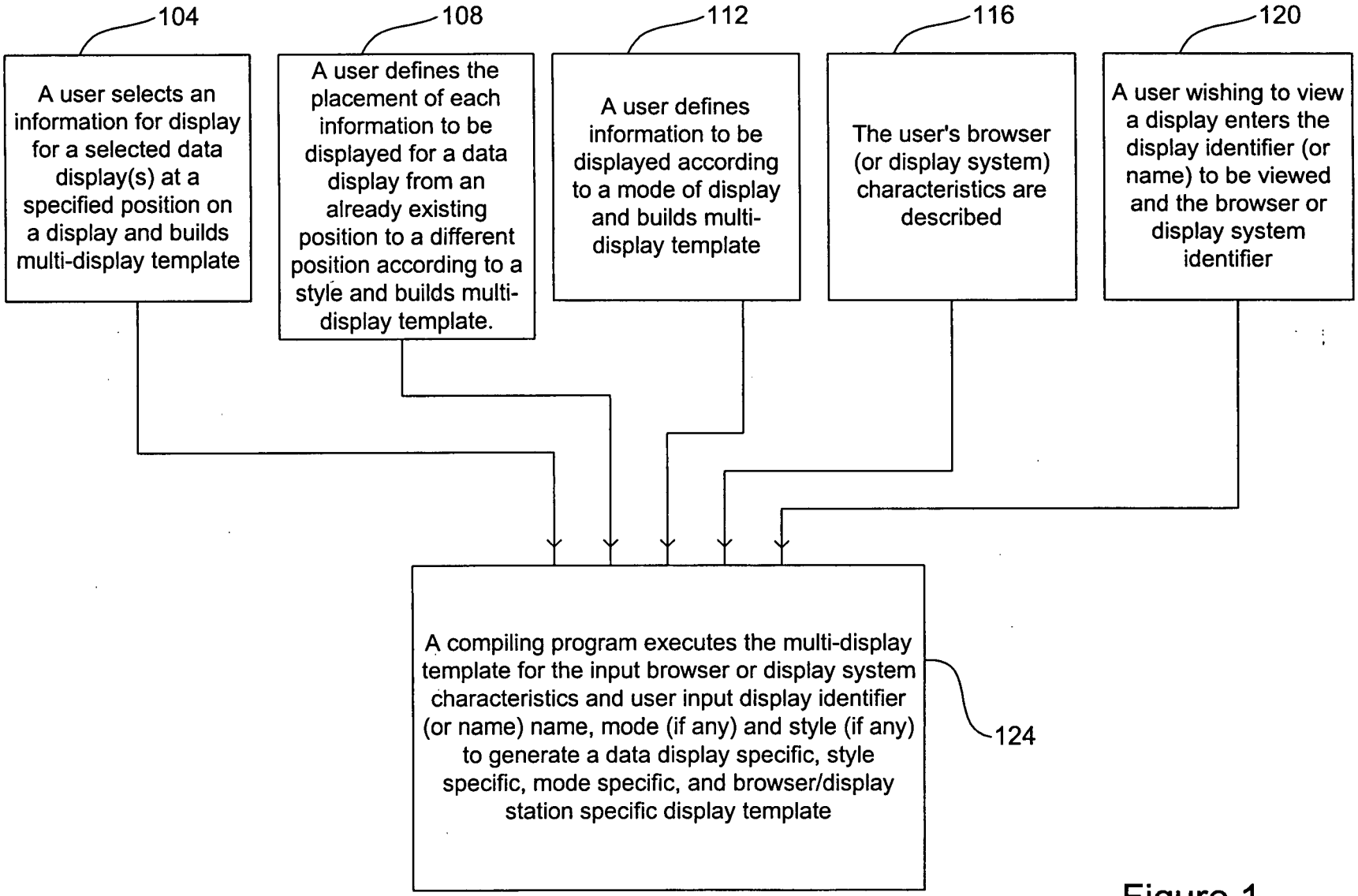
104
A user selects an information for display for a selected data display(s) at a specified position on a display and builds multi-display template
108
A user defines the placement of each information to be displayed for a data display from an already existing position to a different position according to a style and builds multi-display template.
112
A user defines information to be displayed according to a mode of display and builds multi-display template
116
The user's browser (or display system) characteristics are described
120
A user wishing to view a display enters the display identifier (or name) to be viewed and the browser or display system identifier
A compiling program executes the multi-display template for the input browser or display system characteristics and user input display identifier (or name) name, mode (if any) and style (if any) to generate a data display specific, style specific, mode specific, and browser/display station specific display template
124

Figure 1

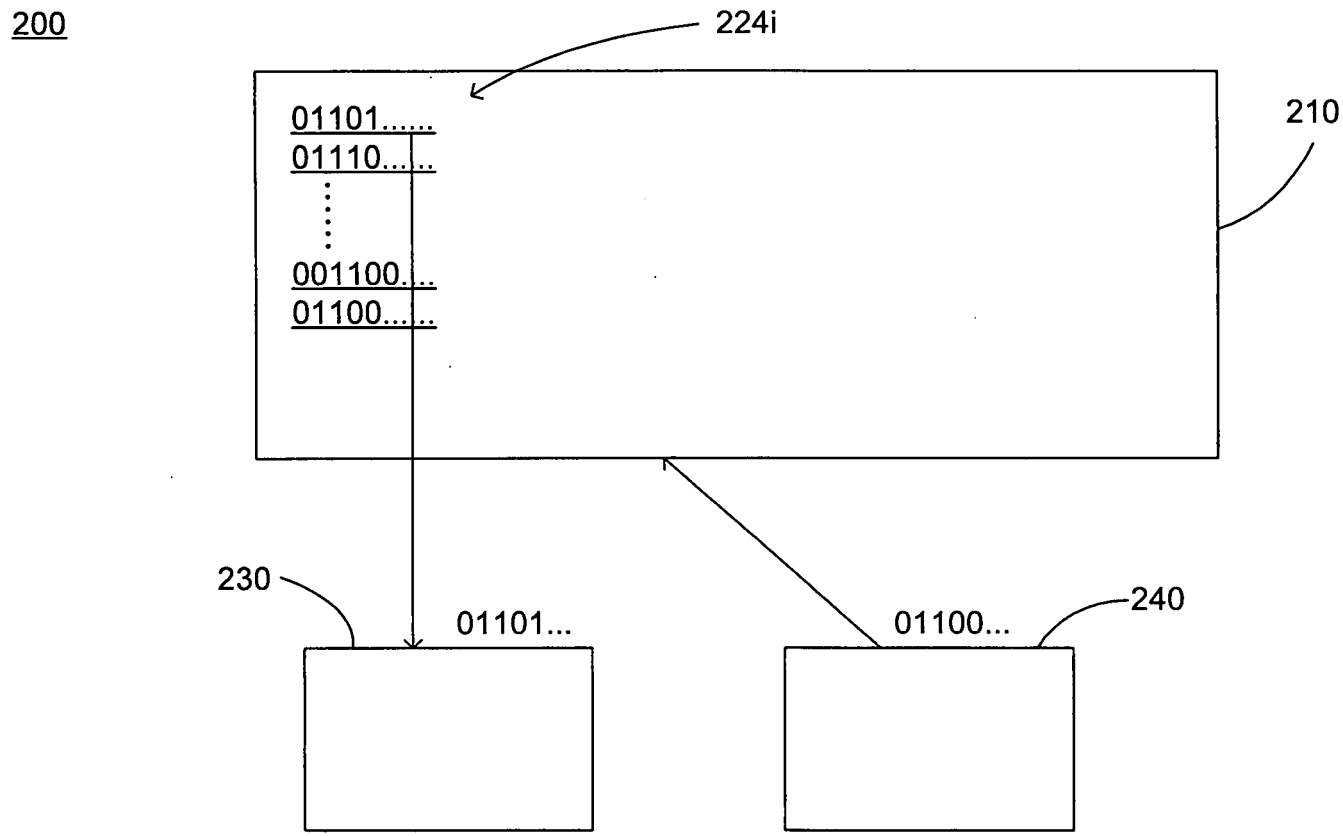

Figure 2

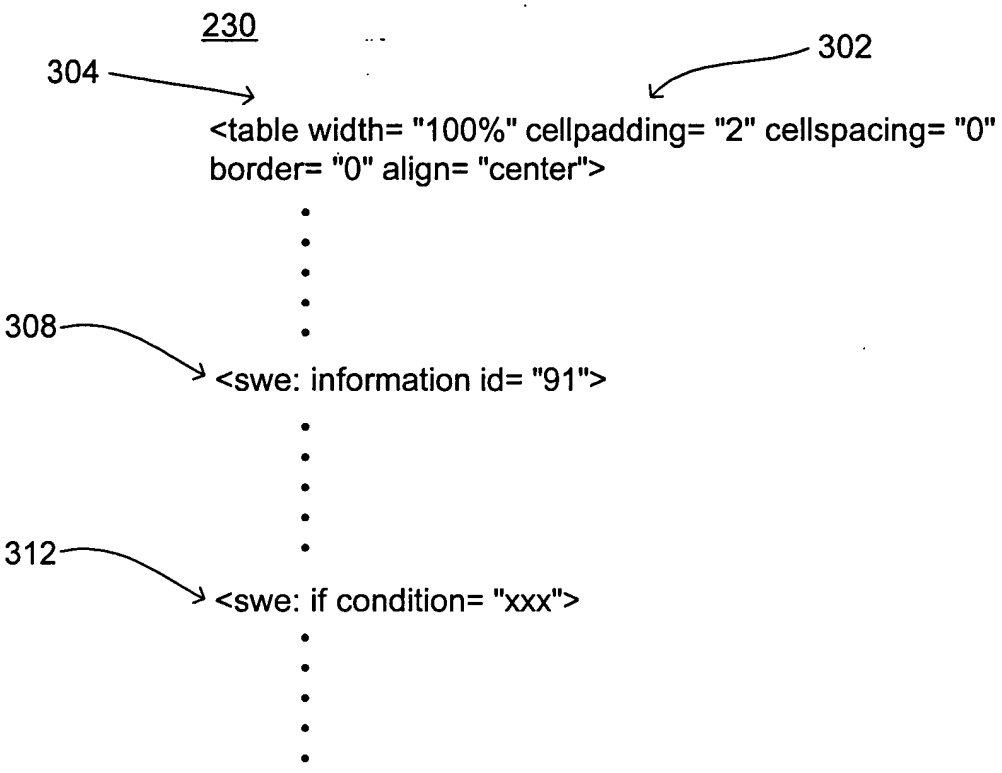

Figure 3

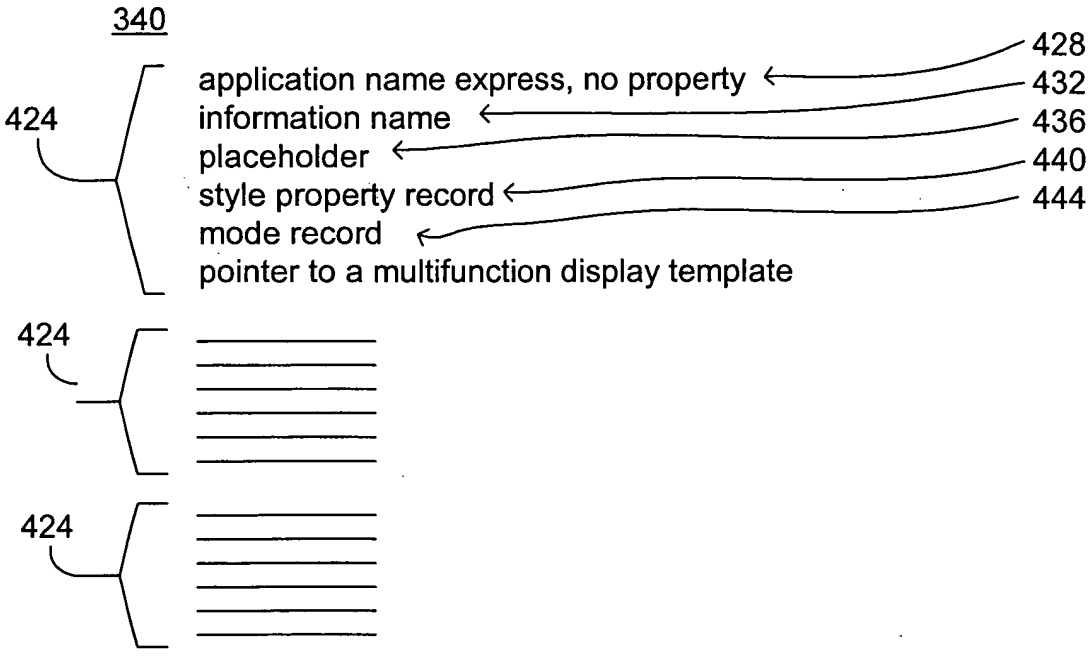

Figure 4

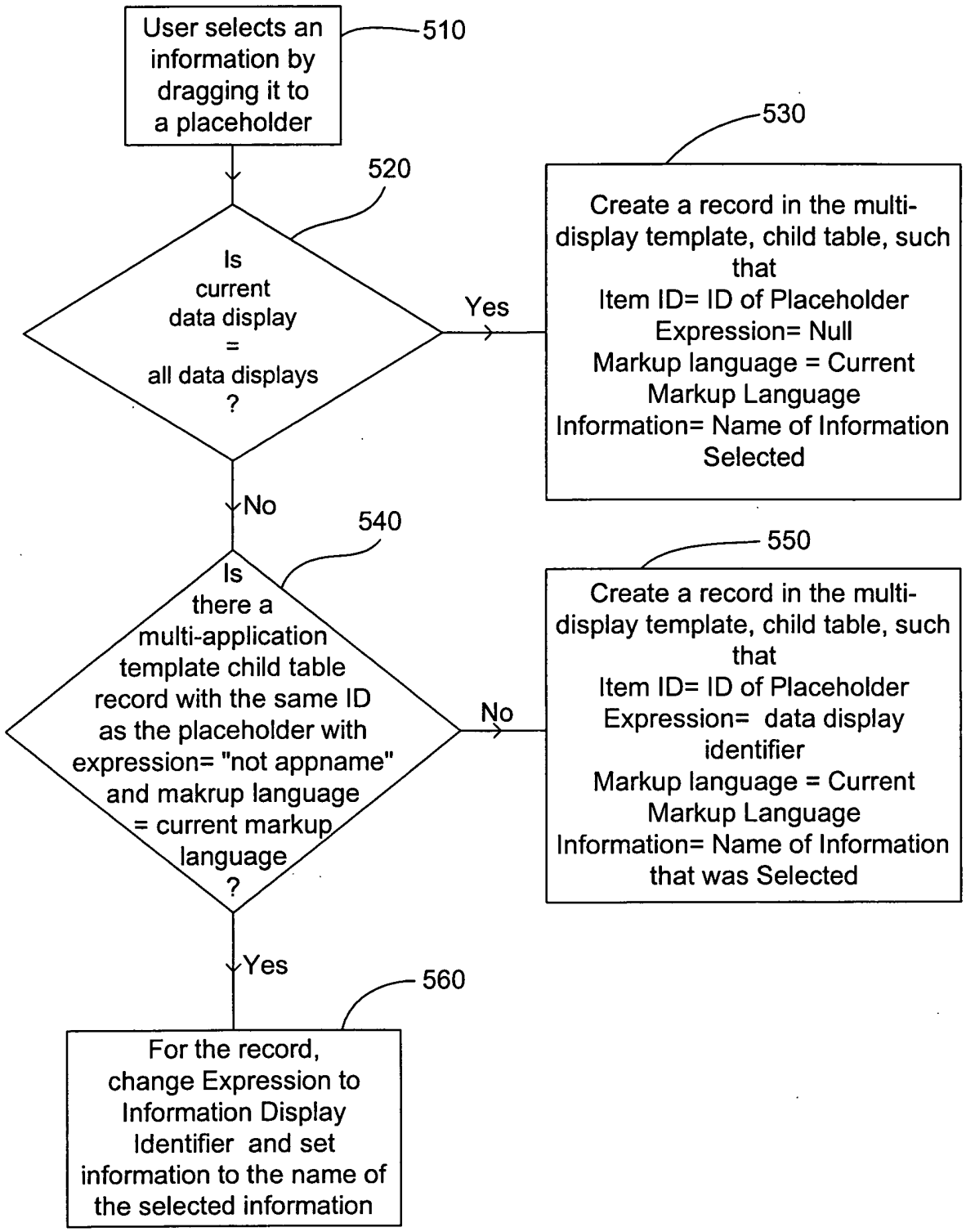
User selects an information by dragging it to a placeholder
510
520
Is current data display = all data displays ?
Yes
530
Create a record in the multi-display template, child table, such that Item ID= ID of Placeholder Expression= Null Markup language = Current Markup Language Information= Name of Information Selected
No
540
Is there a multi-application template child table record with the same ID as the placeholder with expression= "not appname" and makrup language = current markup language ?
No
550
Create a record in the multi-display template, child table, such that Item ID= ID of Placeholder Expression= data display identifier Markup language = Current Markup Language Information= Name of Information that was Selected
Yes
560
For the record, change Expression to Information Display Identifier and set information to the name of the selected information

Figure 5

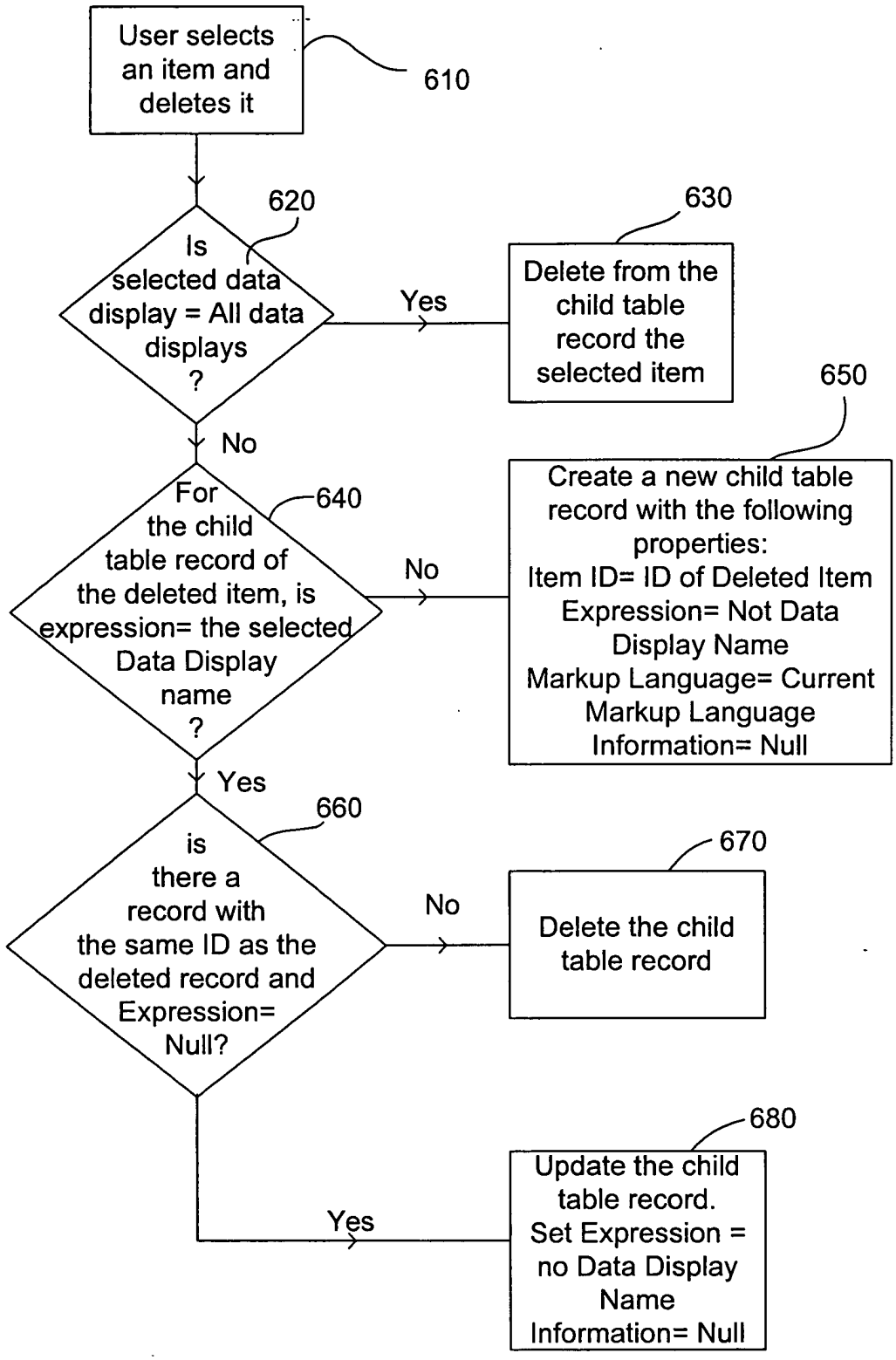
User selects an item and deletes it
610
620
Is selected data display = All data displays ?
Yes
630
Delete from the child table record the selected item
No
650
Create a new child table record with the following properties:
Item ID= ID of Deleted Item
Expression= Not Data Display Name
Markup Language= Current Markup Language
Information= Null
640
For the child table record of the deleted item, is expression= the selected Data Display name ?
No
Yes
660
is there a record with the same ID as the deleted record and Expression= Null?
No
670
Delete the child table record
Yes
680
Update the child table record.
Set Expression = no Data Display Name
Information= Null

Figure 6

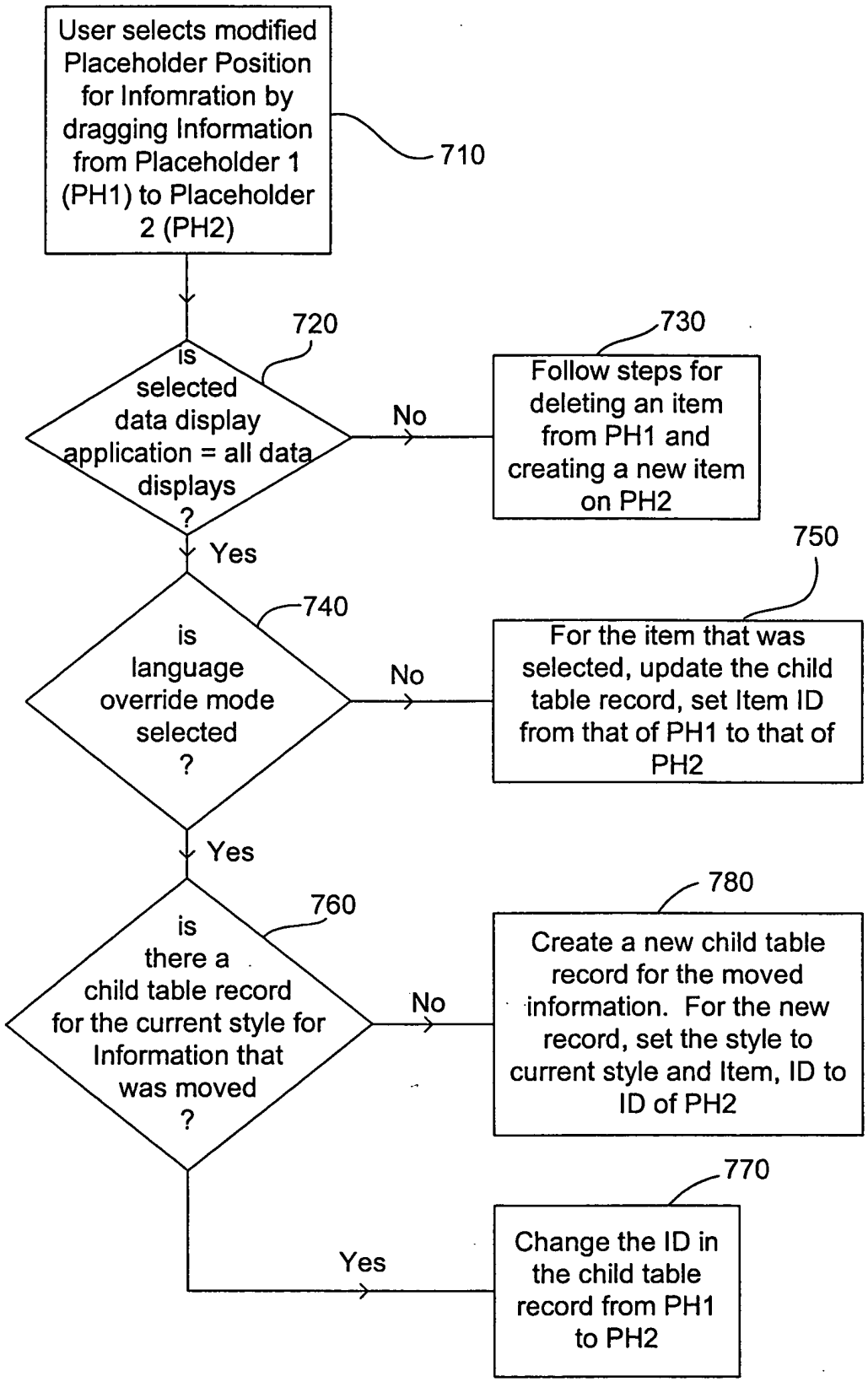
User selects modified Placeholder Position for Infomration by dragging Information from Placeholder 1 (PH1) to Placeholder 2 (PH2)
710
720
is selected data display application = all data displays ?
No
730
Follow steps for deleting an item from PH1 and creating a new item on PH2
Yes
740
is language override mode selected ?
No
750
For the item that was selected, update the child table record, set Item ID from that of PH1 to that of PH2
Yes
760
is there a child table record for the current style for Information that was moved ?
No
780
Create a new child table record for the moved information. For the new record, set the style to current style and Item, ID to ID of PH2
Yes
770
Change the ID in the child table record from PH1 to PH2

Figure 7

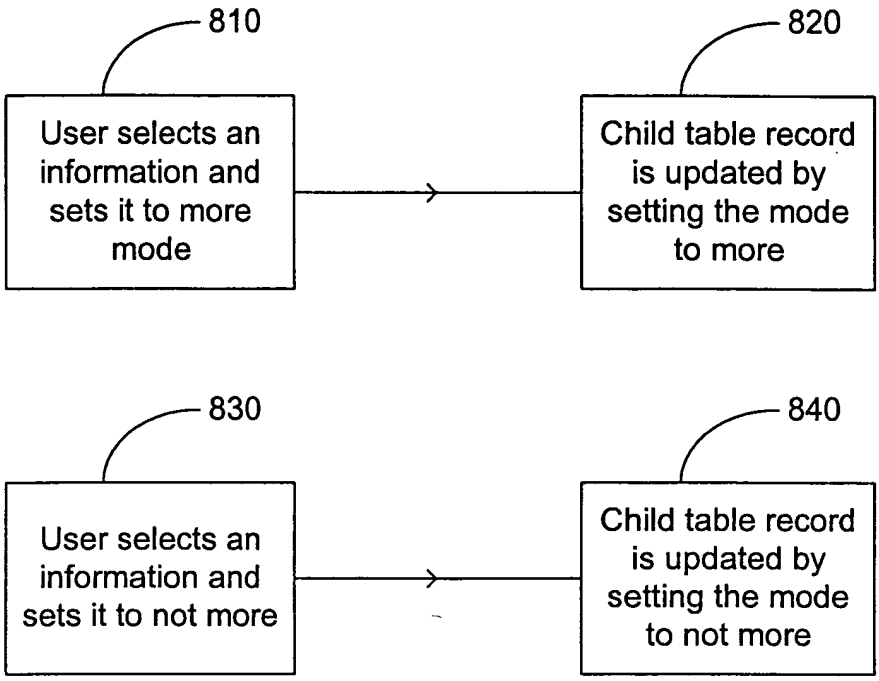
810
User selects an information and sets it to more mode
820
Child table record is updated by setting the mode to more
830
User selects an information and sets it to not more
840
Child table record is updated by setting the mode to not more

Figure 8

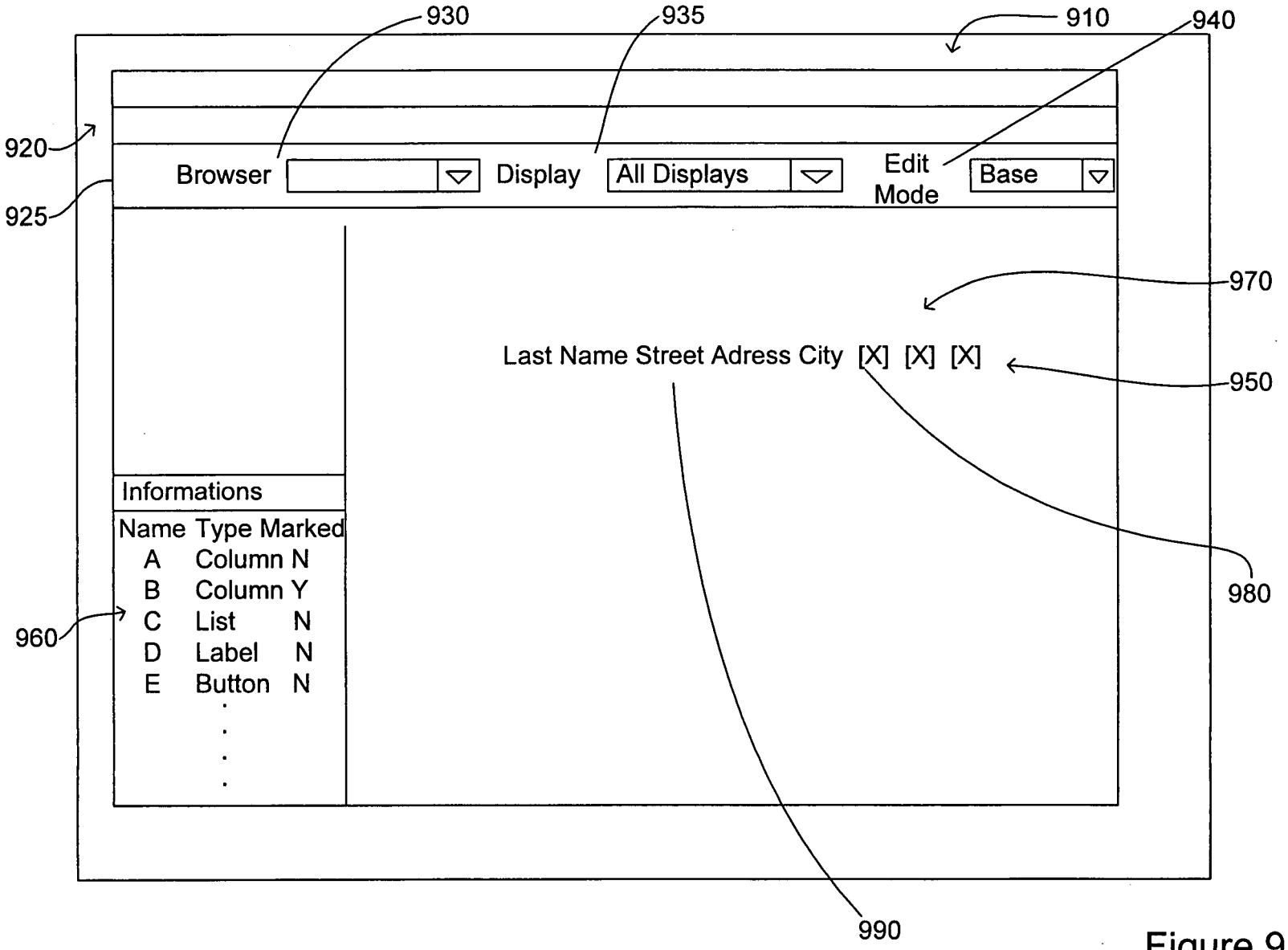
930
935
910
940
920
925
Browser
Display
All Displays
Edit Mode
Base
970
Last Name Street Adress City [X] [X] [X]
950
980
Informations
Name Type Marked
A Column N
B Column Y
C List N
D Label N
E Button N
960
990

Figure 9

T08T90"6E/+8860

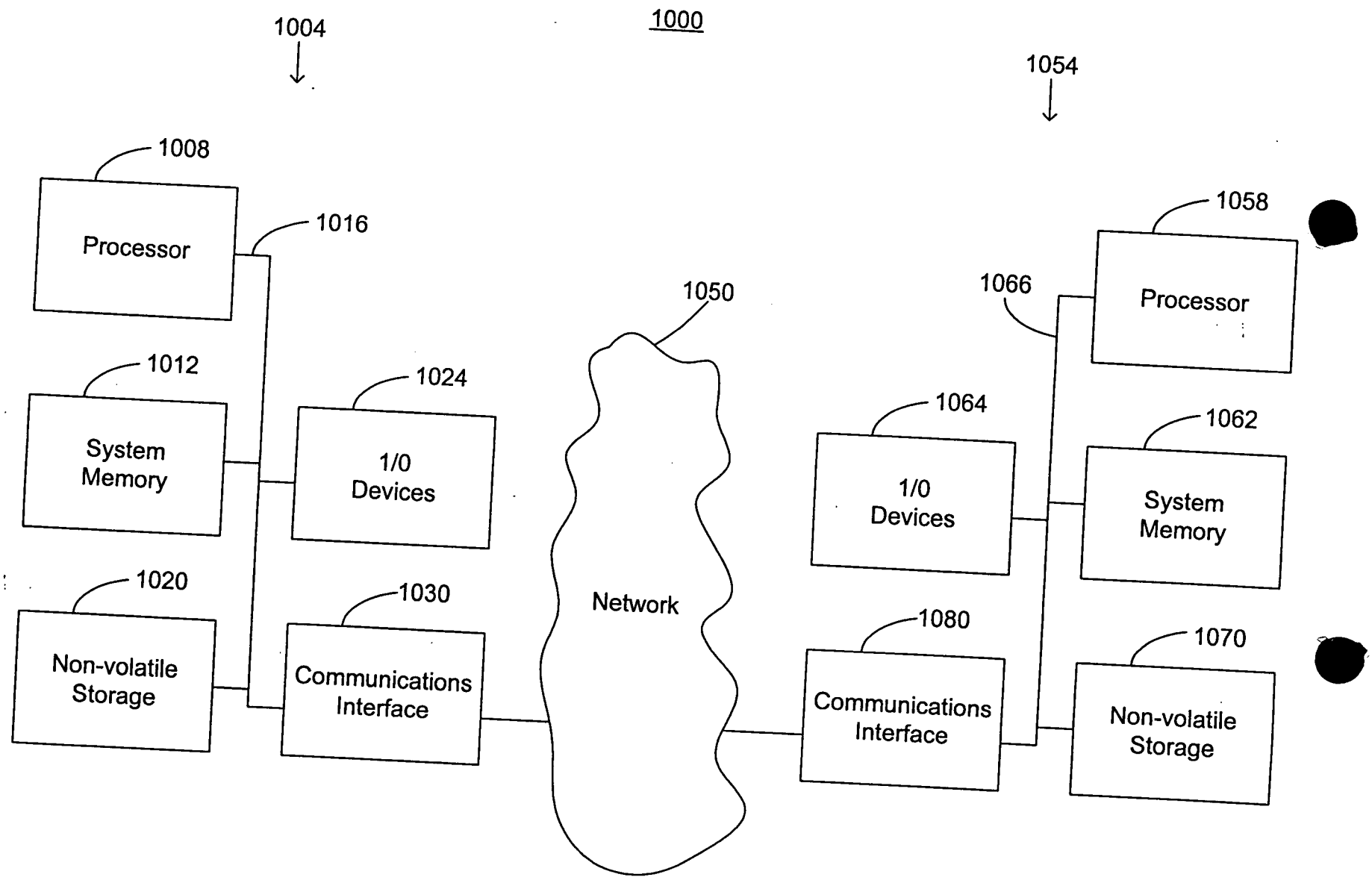

Figure 10